

CurriculumVita

Dr. C. Ragavan, M.Sc., B.Ed., M.Phil. Ph.D,

Associate Professor and Head

Research Department of Mathematics

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Email: ragavanshana@gmail.com ragavanrahul@rediffmail.com.



Teaching Experience : 22 Years 10 Months 05 Days
Parents' name : Mr. M. Chinnavan & A. Thanammal
Sex : Male
Marital Status : Married and 2 Daughters (1st one is Grade 9 and 2nd one is grade 6)
Religion /Nationality : Hindu /Indian
Community : MBC (OBC -Vanniyar)
Place of Birth/District : Krishnagiri
State/ country : Tamilnadu, india
Date of Birth : 15.06.1978
Residential : M. Chinnavan, Door No: 2/127 Rahul Street, Melpudur(vil),
Kattiganapalli (Po), Krishnagiri(Dt)- 635002, Tamilnadu, India
Office address : Dr. C. Ragavan, Associate Professor cum Head, Research Department of Mathematics
Sri Vidya Mandir Arts and Science College, Uthangarai - 636902,
Krishnagiri, Tamilnadu, India

Subjects : Mathematics

Area Specialization

: Algebras,

Title of the PhD Thesis

: A Study on Various Types of Fuzzy Ideals in BCI-Algebras

Viva voce date

: 25.10-2016

01. Educational Qualification

1. Ph.D, Manonmaniam Sundarar University	Thirunelveli	Oct-2016	Highly Command
2. M.Phil, Bharathidasan University	Trichirappalli	Oct-2005	81.6%
3. M.Sc, Sri Ramakrishna Mission College of Arts & Science	Coimbatore	May-2002	68.77%
4. B.Ed, Rasi College Of Education	Rasipuram	June 2008	55.02%
5. B.Sc, Government Arts College for Men	Krishnagiri	Oct-1999	55.08%
6. HSC, State Board	Krishnagiri	Mar-1996	54.58%
7. SSLC, State Board	Krishnagiri	Apr-1994	66.6%

02. The Service Certificate given by JD : SVM Arts & Science College (A)

1. UG	07.08.2002	22 Years 10 Months 05 Days
2. PG	01.07.2004	21 Years 05 Months 11 Days
3. M.Phil	04.07.2012	12 Years 11 Months 02 Days
4. Ph.D	26.10.2016	08 Years 02 Months 17 Days

03. Senate : Periyar University Salem, From 20.10.2020 To 19.10.23 (3 Years)

04. Board of Study Chairman : Sri Vidya Mandir Arts and Science College (26.09.2019 to Till)

05. Fund : DBT (Star College Proposals Coordinator- Power Point Presentation-2022)

06. Research Supervisor & Guide : Ph. D (Complete -03, 1. Dr. S. Munirathinam- Fluid 22 - 01- 2021
2. Dr. S.Jeyanthi - Algebras 2021 , 3. Dr. B.Lena - Algebras 2021, 4. R. Amutha - Algebras On Going)

07. M.Phil Complete : 28

08. Refresher/ Induction / Orientation/FDP/.E-Content Details

01.	Refresher Courses	IIT--Dhanbad Jharkhand-	May 16- 05 June2017
02.	Induction / Orientation	IIT--Dhanbad Jharkhand-	Nov 15 - 12 Dec2019
03.	FDP	Romanujan College of Delhi University, Delhi	May 18 - 03June2020
04.	Induction / Orientation	Romanujan College University of Delhi	June 04 -01July2020
05.	FDP on E-Content Development	SDCollege Ambala Cantt	July27- 31 July2020
06.	E-Content	S. S. Khanna Girls' Degree College Delhi	Aug 22-28 Aug 2020
07.	Refresher Course	Government First Grade (TLC & FDC) college	Aug17- 30 Aug 2020
		Harihar	
08.	FDP Revised NAAC	Andhra Christian College, Andhra pradesh	Sep 09-15 Sep2020
09.	Induction / Orientation	Romanujan College University of Delhi	Sep01- 30 Sep2020
10.	E-Resource Development	SDCollege Ambala	Sep 25-09 Oct 2020
	Intellectual Property Rights		
11.	Induction / Orientation	UGC-HRDC Punjabi University, Patiala	Oct 03-31 Oct 2020
12.	Data Analysis Using Python Libraries,	Sanatan Dharma College, Ambala	May 25- 04 June 2021
13.	FDP on Data Analysis using	Romanujan College University of Delhi	Jun 15-21 June 2021
	R Programme		
14.	FDP Leadership Excellance	Andhra Christian College, Andhra prades	Jun 17- 23 June 2020
15.	Refresher Course Confirmation	Romanujan College University of Delhi	
	Details		Aug 11-26 AUG 2021.
16.	Refresher Course Advanced	Romanujan College University of Delhi	Aug 22 to Sep 5, 2023
	Research Methodology		
17.	Short Tearm Programme	Romanujan College of Delhi University, Delhi	Oct 07-14, 2024
	Research for Resurgence		
18.	Referecercouese in Mathematical	Romanujan College of Delhi University, Delhi	18 Sep to 1 st Oct 2024
	Sciences		

09. Doctoral Research Committee Member - Ph.D

01. 2233 : M.Balamurugan, Govt arts college for Means Krishnagiri, Peryar University
02. DR180207 :S. Britto Jacob, Sacred Heart College, Tirupattur 2018, Thiruvalluvar University
03. DR180208 : D. Vignesh, Sacred Heart College, Tirupattur 2018, Thiruvalluvar University
04. PI9CCAK8002 : T. Mahalaxmi, Govt arts college for Means Krishnagiri, Peryar University

10. Thesis Evaluator for Ph.D and M.Phil: 29

Ph.D Registration : 00609212022, Dattatreya Hegde, Dravidian University-2020

11. Award & Certificate

- | | |
|---|---|
| 1. Best Teacher Award 2008 | : SVM College, Uthangarai |
| 2. Pearl Foundation For Educational Excellence- | : Best Assistant Professor Award" In Mathematics-2019 |
| 3.VDGOOD Professional Association | : Best Researcher Award"- 2021 |
| 4. Natural Science Foundation | : Best Researcher Excellent Awards 2025 |

12. Inspire Camp Member Our College

- | | | |
|-----------------------------|-----------------------------|-----------------------------|
| 1. 27.11.2013 to 01.12.2013 | 2. 26.09.2015 to 30.09.2015 | 3. 24.09.2016 to 28.09.2016 |
|-----------------------------|-----------------------------|-----------------------------|

13. List of Journal Publications

- 1.A. Solairaju and C. Ragavan, "Constructions of Fuzzy P-ideal on BCI-algebras", International Journal of Fuzzy Mathematics and Systems, Volume 1, Number 2, pp. 197 – 201, **2011**, 2248-9940
- 2.A. Solairaju and C. Ragavan, "Structures on Fuzzy Ideal and Fuzzy A-Ideal", International Journal of Computer Applications, Volume 32, Number 9, pp. 45- 48, **2011**, 0975 – 8887.
3. A. Solairaju and C. Ragavan, "Intuitionistic Fuzzifications of a-Ideals in BCI-Algebras", International Journal of Fuzzy Mathematics and Systems, Volume 1, Number 2, pp. 203 – 210, **2011**, 2248-9940.
4. A. Solairaju and C. Ragavan, "Intuitionistic Fuzzifications of R-Ideals in BCI-Algebras", International Journal of Fuzzy Mathematics and Systems, Volume 2, Number 1 (**2012**), pp. 53-63, 2248-9940
5. A. Solairaju and C. Ragavan, "Characterizations of T - Fuzzy R – Ideals on BCI-Algebras", International Journal of Computer Applications, Volume 32– No.9, **2011**, 0975 – 8887.
6. A. Solairaju and C. Ragavan, "Intuitionistic Fuzzifications of A-Ideals in BCI-Algebras", International Journal of Mathematics Research, Volume 4, Number 2, pp. 155-165, **2012**, 0976-5840.
7. A. Solairaju and C. Ragavan, "Edge Magic Combinations of Spiders", International Journal of Fuzzy Mathematics and Systems, Volume 2, Number 1, pp. 65-69, **2012**, 2248-9940.
8. A. Solairaju and C. Ragavan, "Intuitionistic Fuzzifications of P-Ideals in BCI-Algebras", International Journal of Mathematics Research, Volume 4, Number 2 (**2012**), pp. 133-144, 2012, 0976-5840.
9. A. Solairaju and C. Ragavan, "Intuitionistic Fuzzifications of Ideals in BCI-Algebras", International Journal of Mathematics Research, Volume 4, Number 2 (**2012**), pp. 145-154, 2012, 0976-5840.
10. C.Ragavan, A. Solairaju and M. Balamurugan, "Intuitionistic Fuzzy R-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions", IOSR Journal of Mathematics, Volume 10, Issue 2 (**2014**), pp 08-13, 2014, 2278-5728.
11. C. Ragavan, J. Sathishkumar and Silambarasan, "Intuitionistic Fuzzy P-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions", International Journal of Scientific & Engineering Research, Volume 5, Issue 4 (**2014**), pp. 1462-1467, 2014, 2229-5518.
12. C. Ragavan, J. Sathishkumar and M. Balamurugan, "Intuitionistic Fuzzy a-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions", International Refereed Journal of Engineering and Science, Volume 3, Issue 4, pp.59-64, **2014**, 2319-1821.
13. C.Ragavan, A. Solairaju and M. Kaviyarasu, "On Intuitionistic Fuzzy R-Ideals of Semi ring, International Journal of Scientific & Engineering Research, Volume 5, Issue 4, pp. 1468-1473, **2014**, 2229-5518.
14. C. Ragavan, S. Jaikumar, P. Palani and M. Deepa, "Intuitionistic Fuzzifications of T-Ideals in BCI-Algebras", IOSR Journal of Mathematics, Volume 11, Issue 1, pp 18-25, **2015**, 2278-5728.
15. C. Ragavan, 'Intuitionistic Fuzzy a-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions, International refereed Journal of Engineering and Science, **2014**, 2319-1821.
16. C. Ragavan, Intuitionistic Fuzzy R-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions, IOSR Journal of Mathematics, **2014**, 2278-5728.

17. C. Ragavan, Intuitionistic Fuzzy P-Ideals of BCI-Algebras with Interval Valued Membership & Non Membership Functions, International Journal of Scientific & Engineering Research, **2014**, 2229-5518.
18. C. Ragavan, On Intuitionistic Fuzzy R-Ideals of Semi ring, International Journal of Scientific & Engineering Research, **2014**, 2229-5518.
19. C. Ragavan, Some new results on Intuitionistic fuzzy H-ideal in BCI-Algebra, Malaya Journal of Matematik, Malaya Journal of Matematik, **2015**, 2319-3786, **UGC Care**
20. C. Ragavan, Anti-Fuzzy soft sets in Subtraction Algebras, International Journal for Research in Applied Science and Engineering Technology, **2018**, 2321-9653.
21. S.Senthilkumar, Eswari Prem and C.Ragavan, Intuitionistic fuzzy translation of anti-intuitionistic fuzzy T-ideals of subtraction BCK/BCI-algebras, Malaya Journal of Matematik, Vol. 6, No. 3, ISSN(P):2319-3786, 701-710, **2018**, **UGC Care**
22. C. Ragavan, Generalizations of $(\in, \in \vee q)$ -Anti Intuitionistic Fuzzy Soft Sub algebras of BG-algebras, International Journal of Applied Engineering Research, Vol. 13, No. 23, PP.16376-16393, **2018**, 0973-4562, **Scopus**
23. M. Balamurugan, G. Balasubramanian and C. Ragavan, Translations of Intuitionistic fuzzy soft structure of B-algebras, Malaya Journal of Matematik, Vol. 6, No. 3, ISSN(P):2319-3786, PP.685-700, **2018**, **UGC Care**
24. S.Senthilkumar, Eswari Prem and C.Ragavan, Intuitionistic fuzzy translation of anti-Intuitionistic fuzzy T-ideals of subtraction BCK/BCI-algebras, Malaya Journal of Matematik, Vol. 6, No. 3, **2018**, 2321-5666, **UGC Care**
25. C. Ragavan, The impact of aligned magnetic Field on Walters Liquid B fluid over a stretching surface with Rossel and diffusion approximation, Malaya Journal of Matematik, Vol. 6, No. 3, **2018**, 2319-3786, **UGC Care**
26. C. Ragavan, Analysis of Discrete time prey-predator model with square root interaction, Journal of applied science and computations, Vol 6, No.3, pp.126-131, **2019**, 1076-5131, **UGC Care**
27. C.Ragavan, M. Balamurugan, S. Senthilkumar, Interpretations of Intuitionistic fuzzy T-ideal in BCK/BCI algebras, Journal of applied science and computations, Vol 6, No.3, pp.126-131, pp.593-602, **2019**, ISSN NO: 1076-5131, **UGC Care**
28. B. Lena, and C. Ragavan and S.Jeyanthi, Antagonistic-Fuzzy sub implicative ideals and Antagonistic-fuzzy sub commutative ideals of subtraction G-Algebras, International journal of Research and analytical reviews, E-ISSN 2348-1269, P- ISSN 2349-5138 **2019**, 2348-1269. **UGC Care**
29. C. Ragavan, S.Jeyanthi and B.Lena, **$G\alpha, \beta$** over Cartesian product of antagonistic Intuitionistic fuzzy H ideals in division BG-Algebras, International journal of Research and analytical reviews, E-ISSN 2348-1269, P- ISSN 2349-5138 **2019**, 2348-1269. **UGC Care**
30. C. Ragavan, S. Jeyanthi and B. Lena, Direct product of Intuitionistic T – ideals of BCI – Algebras, Malaya Journal of Mathematic, Vol. 5, No. 1, ISSN(O): 2321-5666, **2019**, 102-111 **UGC Care**
31. Dr. Eswari Prem, Dr. C. Ragavan and S. Senthilkumar, **$F\alpha, \beta$** over Contrary Intuitionistic fuzzy **α, β** translations in sub Implicative Ideals and sub commutative ideals of Subtraction G-Algebra, Journal of Applied Science and computations Vol. 6, No. 3, pp.2203-2212, 2019, ISSN NO: 1076-5131, **Scopus**
32. C. Ragavan, **$G\alpha, \beta$** over antagonistic Intuitionistic fuzzy sub-implicative Ideals and antagonistic Intuitionistic fuzzy sub commutative ideals of Subtraction G-Algebra, American International Journal of Research in Science, Technology, Engineering & Mathematics, **2019**, 2328-3491, **Scopus**
33. S. Jeyanthi, C. Ragavan, and B. Lena **$Q\gamma, \delta(P\alpha, \beta)$** over antagonistic intuitionistic fuzzy sub implicative ideals and antagonistic intuitionistic fuzzy sub commutative ideals of subtraction G-algebra, AIP Conference Proceedings, 2177, 020028 (2019) December **2019**, **Scopus**
34. S.Jeyanthi, Dr. C. Ragavan, B.Lena, Cartesian product Over Antagonistic Intuitionistic Fuzzy H-Ideals in Division BG-Algebras, American International Journal of Research in Science, Technology, Engineering & Mathematics, Vol.9, No.7, 354-374, **2019**, 2328-3491, **Scopus**

35. M. Balamurugan, G. Balasubramanian, and C. Ragavan, Reluctant anti-Intuitionistic fuzzy soft BCI-implicative ideals in BCI-algebras, Journal of information and computational science, Vol.9, No.8, pp.261-269, **2019**, 1548-7741, **Scopus**
36. S. Jeyanthil, C. Ragavan, S. Munirathinam, S. Senthilkumar and B. Lena, $P(\gamma, \delta)(Q(\alpha, \beta))$ Over Cartesian Product of Antagonistic- Intuitionistic Fuzzy H-ideals in Division BG-Algebras, Journal of information and computational science, Vol.9, No.7, 354-374, **2019**, 1548-7741, **Scopus**
37. B. Lena, C. Ragavan, S. Munirathinam, S. Senthilkumar and S. Jeyanthi, Geometric interpretation of an interval valued antagonistic Intuitionistic fuzzy sub implicative ideals and interval valued antagonistic Intuitionistic fuzzy sub commutative ideals and interval valued antagonistic Intuitionistic fuzzy positive implicative ideals of subtraction G-Algebras, Journal of information and computational science, Vol.9, No.7, 329-354, **2019**, 1548-7741, **Scopus**
38. M. Balamurugan, G. Balasubramanian, and C. Ragavan, Intuitionistic fuzzy soft ideals in BCK/BCI – algebras, Materials Today Proceeding, Vol.16, No.2, pp.496-503, **2019**, 2214-7853, **Scopus**
39. M. Balamurugan, C. Ragavan, and G. Balasubramanian, Anti- Intuitionistic fuzzy soft ideals in BCK/BCI – algebras, Materials Today Proceeding Vol.16, No.2, pp. 532-539, **2019**, 2214-7853, **Scopus**
40. C. Ragavan, S. Munirathinam, M. Govindaraj, A. K. Abdul Hakeem, B. Ganga, Elastic deformation and inclined magnetic field on Entropy generation for Walter's liquid B fluid over A stretching sheet, Journal of Applied Mathematics & Computational Mechanics, 2299-9965, 18 (2), **2019**, 85-98, **Web of Science**,
41. S. Munirathinam, C. Ragavan, R. Kalaivanan, B. Ganga, Thermal radiation effects on Walter's Liquid B Fluid over a stretching surface in the presence of aligned magnetic field with prescribed heat flux, Advances in Applied Research, 0974-3839, Vol.11, (1) **2019**, 53-58, **UGC Care List**
42. C. Ragavan, S. Munirathinam, A. K. Abdul Hakeem, M. K. Nayak, D. D. Makinde, Effect of Inclined Magnetic Field and Heat Transfer in a Walter's B Fluid over a Stretching Sheet with Elastic Deformation, 1663-4144, Vol. 48, **2020**, 38-48, International Journal of Engineering Research in Africa, **UGC Care, Impact Factor 0.87**
43. S. Munirathinam, C. Ragavan, R. Kalaivanan, B. Ganga, Ohmic dissipation effect of Walter's B fluids Over a porous stretching sheet in the presence of inclined magnetic field, Journal of Physics, Conference Series, 1742-6588, Vol. 1597, **2020**, 9-Jan, **Scopus, Impact Factor -0.55**
44. C. Ragavan, M. Balamurugan, b. Thirumaran, and s. Senthilkumar, cartesian product of intuitionistic fuzzy PMS-ideals of PMS-algebras, advances in mathematics: scientific journal 9(**2020**), no.3, 1459-1466 ISSN: 1857-8365, **Scopus, Impact Factor - 0.32**
45. R. Amuthal and c. Ragavan, geometric interpretations of the cartesian product over Intuitionistic fuzzy a- ideals of subtraction MS-algebra, Advances in Mathematics: Scientific Journal 9 (**2020**), no.3, 1467- 1475 ISSN: 1857-8365 (printed); 1857-8438, **Scopus, Impact Factor - 0.32**
46. B. Lena, C. Ragavan, Munirathinam and T. Ramesh, $f_{\alpha, \beta}$ over adverse intuitionistically fuzzy sub suggestive ideals, adverse intuitionistic ally fuzzy positive suggestive ideals and adverse intuitionistic ally fuzzy sub commutative ideals of subtraction G-algebras, **Infokara Research**, ISSN NO: 1021-9056, Volume 8 Issue 8 **2019**, 238-257, **UGC Care, Impact Factor 5.3**.
47. S. Senthilkumar, Esuari prem, C. Ragavan, over Contrary intuitionistic fuzzy translations of sub implicative ideals and Contrary intuitionistic fuzzy translations of sub commutative ideals of subtraction G-algebras, **Journal of Information and Computational Science** Volume 9 Issue 8 – **2019** ISSN: 1548-7741, 304-317, **UGC Care, Impact Factor 6.2**.
48. S. Jeyanthi, C. Ragavan, and B. Lena, $F_{\alpha, \beta}$ over Cartesian product of antagonistic intuitionistic fuzzy H-ideals in division BG-algebras, AIP Conference Proceedings 2177, 020027 (2019), **Scopus, Impact Factor 0.41**.
49. M. Balamurugan, G. Balasubramanian, K. Loganathan, N. Thamaraikannan and C. Ragavan, Reluctant IFS ideals of BCI-algebras, Reluctant IFS ideals of BCI-algebras, Journal of Physics: Conference Series Vol. 1432, Issue.2020, 012090, PP.1-8, **2020**, 1742-6588, **Scopus**

50. C. Ragavan¹, C. Ponnappan² and M. Balamurugan³, Algebraic Operations and Cartesian Products Over Interval Valued Anti-Intuitionistic Fuzzy Soft Ideals in Various Algebras, Journal of International Chemical Sciences, Volume 18, No. 5, 2020, 0972-768X, **Scopus, Impact Factor: 1.6**

51. S. Senthilkumar Eswari prem C. Ragavan, Cartesian Products Over a Contrary Intuitionistic Fuzzy α - Translation of H-Ideals in Division BG-Algebras, AIP Conference Proceedings 2177, 020022, 2019, **Scopus, Impact Factor: 0.43**

52. B. Lena, C. Ragavan, A. Iampanand V. Govindan Interval Valued Opposition Intuitionism Fuzzy Sub-Implication Ideals, Sub-Commutative Ideals and Positive Implication Ideals of Subtraction G -Algebras IAENG International Journal of Computer Science, 49:3, (IJCS) 25, Volume 49, Issue 3: September 2022, **Scopus, Impact Factor: 1.49, (Q3)**

53. B. Lena¹ C. Ragavan² Antagonistic Positive Implicative Ideals of Subtraction G -Algebras Stochastic Modeling & Applications Vol. 25 No. 3, July-December, Special Issue 2022. **UGC Care. Impact Factor of 0.5**

54. B. Lena¹ C. Ragavan² G_{α} , Q Antagonistic Intuitionistic Fuzzy Sub Commutative Ideals of Subtraction G -Algebra Ratio Mathematica - Journal of Mathematics, Statistics, and Applications. ISSN 1592-7415; e-ISSN 2282-8214, 260-267 **UGC Care.**

55. R. Amuthal,² and C. Ragavan¹, an operations and relations on the Cartesian Product of Interval Valued Intuitionistic Fuzzy Matrices, Communications on Applied Nonlinear Analysis, ISSN: 1074-133X Vol 32 No. 9s, 2025 – **Scopus, Impact Factor: 0.15, (Q4)**

56. R. Amutha, C. Ragavan, An Overview of the Normalization and Cartesian Product on Intuitionistic Fuzzy Matrices Metallurgical and Materials Engineering Metall. ISSN: 2217-8961 Vol 31 (4) 2025, 664-678. **Scopus, Impact Factor: 0.9**

57. S. Jaikumar, C. Ragavan The Normalization of Complex Intuitionistic Fuzzy Matrices Communications on Applied Nonlinear Analysis, ISSN: 1074-133X Vol 33 No. 9s, 2025 – **Scopus, Impact Factor: 0.15, (Q4)**

58. S. Senthilkumar, C. Ragavan The Normalization of Complex Intuitionistic Fuzzy Matrices Communications on Applied Nonlinear Analysis, ISSN: 1074-133X Vol 32 No. 9s, 2025 – **Scopus, Impact Factor: 0.15, (Q4)**

14. List of Invited talks in International Level Conferences/ Seminar/Workshop

01. International Conferences 'Modern Materials and Research' at College, Uthangarai on 20.12.16
02. International Conferences 'Achieving Excellence in Commerce and Management Practices' at SVM, 30.01.16
03. International Conferences 'Recent Advances in Physics' at SVM College, Uthangarai on 30.01.16
04. International Conferences 'Mathematical Analysis and Applications' at SVM College, 06.01.18
05. National Conferences 'Recent trends in algebra and its applications' at Trinity College Namakkal on 08.02.19
06. National Seminar 'Recent trends in pure analysis and its application' at P.M.P. College, Dharmapuri on 06.02.19
07. National Conferences 'Pure Analysis, Differential Equations and its Application' at SVM College, 15-21.11.18
08. National Workshop 'Mathematical Modeling and its Application' at SVM College, Uthangarai on 30.01.18
09. National Workshop 'Differential Equations and its Application' at SVM College, Uthangarai on 11.02.17
10. National Workshop 'Recent Trends in Mathematical Analysis and Application' at SVM College, 10.02.16
11. National Conferences 'Advanced Materials' at SVM Arts & Science College, Uthangarai on 19.07.14
12. State Seminar 'Basic concepts in Abstract algebra's and its application' at Harur Arts and Science on 09.03.20
13. State Seminar 'Basic Math's' at SVM Arts & Science College on 03.05.19
14. State Seminar 'Basic Concepts + I Math's' Government Hr. Sec. School, Velampatti on 17-21. 05.19
15. State Seminar Abstract algebra's and its application at PMP College, Dharmapuri on 22.12.17
16. State Seminar Concept of Algebraic System at Trinity College, Namakkal on 06.12.16
17. State Seminar Algebras at St. Joseph's College, Hosur on 07.08.14
18. International Workshop on How to Write a Quality Research Article at SVM College, Uthangarai on 29.05.21
19. International Conference on Fuzzy Logic and Its Application at SVM College, Uthangarai on 29.04.21
20. One Week International Workshop on "How to write a Quality Research Article" 29.05.21 at SVM

21. 15 Days YSSP Invited Tald 31.05.2025

15. List of Paper Presented in International/ National/ State -Conference and Seminar

01. Mr. C. Ragavan, State Level Seminar on Random Optimization Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Characterization of T-fuzzy R-Ideals on BCI-Algebra, 8-Oct 10.
02. Mr. C. Ragavan, National Level Conference on Recent Trends in Fluid Dynamics by Sri Ramakrishna Vidyalaya College of Arts and Science Coimbatore, Presented a Paper Application of Fuzzy Sets in Fluid Dynamics, 19-Feb-10.
03. Mr. C. Ragavan, State Level Seminar on Graph Theory Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Edge Magic combination of spiders, 23-24-sep 11.
04. Mr. C. Ragavan, State Level Seminar on Fuzzy Analysis Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper New Fuzzy Soft Set in BCI/BCK-Algebras, 15-16-Feb 13
05. Mr. C. Ragavan, International Level Conference on Mathematical Science and its Computational Application by Dr. N. G. P. Arts and Science Coimbatore, Presented a Paper Direct Product of Intuitionistic Fuzzy T-Ideal in BCK-Algebras, 11-12-Aug-14.
06. Mr. C. Ragavan, State Level Seminar on Differential Equation Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Type of Fuzzy Ideals in BCI-Algebras , 09 Jan 15.
07. Mr. C. Ragavan, National Level Seminar on Recent Trends in Mathematics Organized by Arignar Anna College Krishnagiri, Presented a Paper Fuzzy Sub Implicative Ideals in BCI-Algebras, 28-Mar 15
08. Mr. C. Ragavan, National Level Seminar on Recent Trends in Mathematics Organized by Arignar Anna College Krishnagiri, Presented a Paper Fuzzy Sub Commutative Ideals in BCI-Algebras, 28-Mar 15
09. Mr. C. Ragavan, National Level Seminar on Recent Trends in Mathematics Organized by Arignar Anna College Krishnagiri, Presented a Paper Intuitionistic Fuzzy P- Ideals in BCI-Algebras, 28-Mar 15
10. Mr. C. Ragavan, National Level Seminar on Recent Developments in Functional Analysis, Topology And Graph Theory Organized by The M. D. T. Hindu College Tirunelveli, Presented a Paper Characterization of Intuitionistic Fuzzy P-Ideal, 26-27-Mar 15.
11. Mr. Ragavan, International Seminar on Recent Developments in Analysis And Its Applications Organized by E. R. K College Erumiyampatti, Presented a Paper Characterization of Intuitionistic Fuzzy P-Ideal, 04 Sep15.
12. Mr. C. Ragavan, International Conference on the position of Tamil literary women Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper தமிழ்இலக்கியங்களில்பண்பாட்டுவிழுமியங்கள், 18-19 Dec 15.
13. Mr. C. Ragavan, International Conference on Achieving Excellence in Commerce and Management Practices Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Fuzzy Logic using Business Management, 29-30 Jan 16.
14. Mr. C. Ragavan, International Conference on Achieving Excellence in Commerce and Management Practices Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Fuzzy Logic Concept using in Commerce Management, 29-30 Jan 16
15. Mr. C. Ragavan, International Conference on Humanistic and Cultural Perspective in Asian Literature Organized by Sri Vidya Mandir Arts and Science College Uthangarai, Presented a Paper Fuzzy Logic Concept using in Commerce Management, 06 Feb 16.
16. Mr. C. Ragavan, State Level Seminar on Recent Development in Mathematical Models Organized by Don Bosco College Dharmapuri, Presented a Paper Translation on Intuitionistic Fuzzy Ideal in BCK/BCI-Algebras, 02- Sep 16.
17. Mr. C. Ragavan, State Level Seminar on Introduction to Probability Theory and Analysis Organized by Adhiyaman Arts and Science College Uthangarai, Presented a Paper Some new operation define on fuzzy set, 10 Sep 16
18. Mr. C. Ragavan, State Level Seminar on Introduction to Probability Theory and Analysis Organized by Adhiyaman Arts and Science College Uthangarai, Presented a Paper Anti Fuzzy Soft P-ideal in BCI-Algebras, 10 Sep 16

19. Mr. C. Ragavan, National Level Seminar on New Trends in Advanced Mathematics Organized by Gonzaga college of Arts and Science for woman Elathagiri, Presented a Paper Fuzzy Logic and its Applications, 27 Sep 16
20. Mr. C. Ragavan, National Seminar on Applied Mathematical Science Organized by Siri PSG arts and Science College for Women Sankari, Presented a Paper Interval Valued Intuitionistic Anti Fuzzy Sets and its Application, 03 oct16.
21. Mr. C. Ragavan, National Seminar on Theory of Rings and Fields in Algebraic Structure Morappur Kongu College of arts and science Morappur, Presented a Paper Anti Fuzzy Sets, 14 Feb16.
22. Dr. C.Ragavan, International Conference on Mathematical Applications in Engineering and Technology Organized by Sacred Heart College, Tirupattur, Presented a Paper Supportive Anti Intuitionistic Fuzzy Sets, 27-28 Jan 17
23. Dr. C.Ragavan, , International Conference on Advances in Materials, Manufacturing and Applied Sciences Sri Sai Ram Institute Of Technology, Chennai, Presented a Paper Anti Intuitionistic Fuzzy Soft Closed Ideals in BCK/BCI Algebras, 30-31 Mar 17.
24. Dr. C. Ragavan, International Conference on National Conference On Emerging Trends In Pure And Applied Mathematics Organized by St. Joseph's College Of Arts And Science For women, Hosur, Presented a Paper Anti Intuitionistic Fuzzy Soft Sets In Subtraction Algebras, 13 Dec 17
25. Dr. C. Ragavan, International Conference on National Conference On Emerging Trends In Pure And Applied Mathematics Organized by St. Joseph's College Of Arts And Science For women, Hosur, Presented a Paper Anti Intuitionistic Fuzzy Soft Sets In Subtraction BG - Algebras, 13 Dec 17
26. Dr. C. Ragavan, International Conference on National Conference On Emerging Trends In Pure And Applied Mathematics Organized by St. Joseph's College Of Arts And Science For women, Hosur, Presented a Paper Anti Fuzzy R - Ideals In Subtraction BG - Algebra, 13 Dec 17
27. Dr. C. Ragavan, National Level Seminar On Recent Developments In Mathematics Organized by Morappur Kongu College Of Arts And Science, Morappur, Presented a Paper Application Of Differential Equation in Fluid Dynamics, 29 Aug 18
28. Dr. C. Ragavan, International Conference On Applied And Computational Mathematics Organized by Erode Arts And Science College Erode, Presented a Paper Thermal Radiation Effects On Walter's Liquid B Fluid Over A Stretching Surface In The Pressure Of Aligned Magnetic Field, 10 Aug 18
29. Dr. C. Ragavan, National Conference on Recent Research Development in Pure and Applied Mathematics Organized by Government Arts College (A), Karur, Presented a Paper $Q(\gamma, \delta(P(\alpha, \beta)))$ Over Antagonistic Fuzzy Sub Implicative Ideals and Antagonistic Intuitionistic Fuzzy Sub Commutative Ideals of Subtraction G-Algebra, 21-22 Feb 19
30. Dr. C. Ragavan, National Conference on Recent Research Development In Pure And Applied Mathematics Organized by Government Arts College (A), Karur, Presented a Paper Over Cartesian Products Of Antagonistic - Intuitionistic Fuzzy H-Ideals In Division BG - Algebras, 21-22 Feb 19
31. Dr. C. Ragavan, National Level Conference On Recent Trends In Algebra And Its Applications Organized by Trinity College For Women, Namakkal, Presented a Paper Basic Concept Of Algebra & Its Applications, 8 Feb 19
32. Dr. C. Ragavan, National Level Conference On Recent Trends In Algebra And Its Applications Organized by Trinity College For Women, Namakkal, Presented a Paper Generalizations Of - Anti Intuitionistic Fuzzy Soft Sub Algebras Of BG - Algebra, 8 Feb 19
33. Dr. C. Ragavan, National Level Conference On Applied Mathematics and Its Applications, Organized by Sacred Heart College, Tirupattur, Presented a Paper Antagonistic Fuzzy Sub Implicative Ideals and Antagonistic Fuzzy Sub Commutative Ideals of Subtraction G-Algebra, 6-7 Feb 19
34. Dr. C. Ragavan, National Level Conference on Applied Mathematics and Its Applications, Organized by Sacred Heart College, Tirupattur, Presented a Paper $Q(\gamma, \delta(P(\alpha, \beta)))$ Over Cartesian Product of Antagonistic Intuitionistic Fuzzy H-Ideals in Division BG-Algebra, 6-7 Feb 19

35. Dr. C.Ragavan, National Level Seminar on Recent Trends In Pure Analysis And Its Applications, Organized by P.M.P.Arts And Science College, Dharmapuri, Presented a Paper Basic Concept of Abstract Algebra and Its Application, 6 Feb 2019

36. Dr. C.Ragavan, National Level Seminar on Recent Trends In Pure Analysis And Its Applications, Organized by P.M.P.Arts And Science College, Dharmapuri, Presented a Paper Basic Concept of Matrix Algebra, 6 Feb 19

37. The Cartesian Products on Complex Intuitionistic Fuzzy Matrix on ICT, Mumbai –March 18-19.04.2025

16. List of attended in International / National/State Conference/ Workshop/ Seminars Programs

01. Mr. C. Ragavan, International Conference on 'Real Number System' at Sacred Heart College Tirupattur on 10.12.12

02. Mr. C. Ragavan International Conference 'Differential Equations and its Applications' at Sacred Heart Tirupattur on 27-28.08.12

03. Dr. C. Ragavan International Conference 'Research Methodology in Mathematics' at E.R.K College, Dharmapuri on 22.09.16

04. Dr. C. Ragavan International Conference 'Designing Enhanced Research Articles and Thesis' at SVM College, Uthangarai on 02.02.16

05. Dr. C. Ragavan International Conference 'Mathematical Application in Engineering and Technology' at Sacred Heart Tirupattur on 27-28.01.17

06. Dr. C. Ragavan National Workshop 'Art of writing winnable project proposal' at SVM College, Uthangarai on 20.01.18

07. Dr. C. Ragavan National Workshop 'Quality Enhancement in Teaching Learning & research' at SVM College, Uthangarai on 01.12.18

08. Dr. C. Ragavan National Workshop 'Differential Equations and Applications' at Periyar University, Salem, on 10.03.17

09. Dr. C. Ragavan National Workshop 'Applied Mathematics' at Holy Cross, on 27.09.17

10. Dr. C. Ragavan National Workshop 'Discrete Mathematics and its Applications' at E.R.K College, Erumiyampatti, on 26.09.17

11. Dr. C. Ragavan National Workshop 'Differential Equations and Applications' at Periyar University, Salem, on 10.03.17

12. Dr. C. Ragavan National Workshop 'Financial Education for Middle Income Group' at SVM College, Uthangarai, on 19.01.17

13. Dr. C. Ragavan National Workshop 'Teaching Techniques' at Periyar University, Salem, on 10.03.17

14. Dr. C. Ragavan National Workshop 'Differential Equations and Applications' at SVM College, Uthangarai, on 30.12.16

15. Dr. C. Ragavan National Workshop 'Recent Trends in Analysis and Applications' at Periyar University, Salem, on 11.12.16

16. Dr. C. Ragavan National Workshop 'Plagiarism Software for Research Supervisors' at Periyar University on 09.08.16

17. Dr. C. Ragavan National Workshop 'Funding Sources & Avenues to Avenge' at Periyar University PG Extension Centre, Dharmapuri, on 03.09.16

18. Mr. C. Ragavan National Workshop 'Math's App in Engineering & Technology' at Sacred Heart Tirupattur, on 11.12.02.15

19. Mr. C. Ragavan National Workshop 'Algebra and Analysis' at SVM College, Uthangarai, on 07.08.02.14

20. Mr. C. Ragavan National Workshop 'Excellence in Teaching' at SVM College, Uthangarai, on 11-12.02.12

21. Mr. C. Ragavan National Workshop 'Recent Trends in Fluid Dynamics' at SRKMV College Kovai, on 19.02.10

22. Mr. C. Ragavan National Workshop 'Discrete Analysis' at Krishnamal College Coimbatore, on 01-03-02

23. Mr. C. Ragavan State FDP Teaching Techniques at SVM Arts & Science College, Uthangarai on 31.12.16

24. Mr. C. Ragavan State Seminar 'Probability Theory' at Adhiyaman College, Krishnagiri on 10.09.16
25. Mr. C. Ragavan State Seminar 'Recent Development' at Don Bosco College Dharmapuri on 02.09.16
26. Dr. C. Ragavan State Seminar 'Discrete Math's and its Applications' at Sacred Heart College Tirupattur on 30.01.16
27. Mr. C. Ragavan State Seminar 'Ministry of HRD' at SVM Arts & Science College Uthangarai on 20.06.15
28. Mr. C. Ragavan State Seminar 'Operation Research' at Don Bosco College Dharmapuri on 02.09.16
29. Mr. C. Ragavan State Seminar 'Modern Algebra' at SVM Arts & Science College Uthangarai on 18.09.13
30. Mr. C. Ragavan State Seminar 'Fuzzy Analysis' at SVM Arts & Science College Uthangarai on 16.02.13
31. Dr. C. Ragavan State Seminar 'Topology' at SVM Arts & Science College Uthangarai on 02.09.16
32. Mr. C. Ragavan State Seminar 'Differential Equations' at SVM Arts & Science College Uthangarai on 21.01.12
33. Mr. C. Ragavan State Seminar 'Graph Theory' at SVM Arts & Science College Uthangarai on 24.09.11
34. Mr. C. Ragavan State Seminar 'Random Optimization' at SVM Arts & Science College Uthangarai on 08.10.10

17. Extra - Curricular Activities

1. YRC, Program officer, 08/07/13

2. RRC, Program officer, 08/07/13

18. Other than Academic Services

1. Conducting TNPSC Exam : Appointment of Chief Invigilator : 11.02.2018
2. Conducting TNPSC Exam : Appointment of Chief Invigilator : 12.07.22
3. Subject Expert Committee Member for inspection Periyar University : 22.12.20
4. Conducting TNPSC Exam : Appointment of Chief Invigilator : 12.07.22

- 19. Details of Book Publications:**
1. Functional Analysis SBN No: 978-93-80686-37-0 Publisher: Shanlax Publications, Madurai
 2. Introduction to Topology ISBN No: 978 -93-80394-25-2 Publisher: Raja Publication, Thiruchirapalli.
 3. Allied Mathematics ISBN No: 978-93-80686-37-0 Publisher: Raja Publication, Thiruchirapalli.
 4. Differential Calculus ISBN No: 9389387671625 Publisher: Shanlax Publications, Madurai
 5. Vector Analysis ISBN No: 9789387671618 Publisher: Shanlax Publications, Madurai

20. District Level Science Exhibition held at St Anne's Higher Secondary School, Krishnagiri Position Jury

Other Academic Services : Additional Chief Superintendent for Periyar university selam. Students welfare Committee List: Discipline Committee, Co-coordinator, Cultural -Member, EDC Member, IQAC - Member, Transport co-coordinator, Anti-Ragging co-coordinator, TNPSC member, Swami Vivekananda cell member, Sports selection committee member, R&D co-coordinator, Tours -coordinator, Placement cell member, Fashion show judge, Dance judge, Judge Quiz, ICT Power point presentation, Management games judge, Teaching and instructions, Taking lectures tutorials to student, Extra per day to slow learners, NIRF Members, FIST-Math's Coordinate, NAAC-Coordinator and. R&D Coordinate.

21. Staff Approval Letter from Periyar University

1. UG Degree : 21.05.2008, 2. PG Degree : 21.05.2008 3. M.Phil: 10.01.2012, 4. Ph.D. : 10.01.2017

22. Member in UG and PG Question Paper Setting committee

1. UG, PG Question Paper Setter and theory : Selvam College(A), Namakal
2. UG 2. UG and PG Paper evaluator : Sacred Heart College(A) Tirupattur.
3. UG, PG and M.Phil Paper evaluator : Periyar University, Salem
4. PG Question Paper Setter and theory : Sivakasi Anja College,
5. PG Question Paper Setter and theory : Madurai, Thiagarajar college(A)
6. UG, PG and M.Phil Paper theory : Periyar University, Salem

Declaration: I hereby declare that the information given above is true to the best of my knowledge

(Dr. C. Ragavan)

